

# RADIO COMMUNICATIONS DX-CLUB



"FROM POINT-TO-POINT" is a World-copyrighted News Bulletin, Published six times a year by RADIO COMMUNICATIONS DX-CLUB, founded in Sweden in 1961. RCDXC was transferred to Holland in 1967 and retransferred to Sweden in 1972.

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+				+

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## 20 YEARS OF RCDXC AND FPTP

It was now 20 years ago that 4 guys ( Jan Tunér, Sweden, Ullmar Qvick, Sweden, Rainer Stall, Sweden, Stig Adolfsson, Sweden - all Sweden. Hi!! ) got together and started the RCDXC. The first bulletins were both in English and Swedish. And beleive it or not the membership fee was 3 Swedish Crowns. They also published an Address Guide which was obtainable for 0.75 Swedish Crowns. Incredible!!!

It can be noted that the only member who was in the gang at the start and still is a member is OM Johnny Karlsson. Congratulations to You OM. To give You an idea of what they were up to at that time, here are some logs found in "Tune in with Jan Tunér":

Dominican Republic: Dominico Telec. Corp., Ciudad Trujillo hrd on 9445-HI4I w tfc.

Hawaii: RCA Kahuku hrd on KUH29-19840 all afternoon.

New Guinea: Hollandia hrd on JZC48-18975 to the Netherlands with a 20kW SSB transmitter.

Fiji: C&W Suva hrd on 19800 around midnight.

Jamaica: C&W Stony Hill, near Kingston hrd on 13520

Windward Islands: C&W Grenada hrd on ZBF24-5868 at 1000-1800

Well everybody that was a little of what could be heard at that time.

OK now we are definately off for 100 years of RCDXC.....

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Lars Lundström, Sweden	183(10) - 524(129) - 195(4)	Drake R4B, 1w, 5-el beam
Jo Russo, FRG	178(5) - 226(5) - 195(4)	Telefunken E1043/10, CP ant
Stellan Dahlin, Sweden	169(8) - 347(20) - 188(7)	Drake R4B, 1w
Christer Björk, Sweden	155(5) - 252(8) - 184(11)	Drake R4B, 15 m 1w
Alain Desaubry, France	146(23) - 415(159) - 168(16)	Collins R390/UPR, Drake SPR4
Klaus Renz, FRG	140(9) - 269(46) - 161(19)	Drake R4B, DGS1
Gerd Ballenberger, FRG	131(8) - 222(41) - 166(12)	Drake R4B, 40 m dipole
Henk van der Lean, Holland	128(0) - 192(1) - 161(0)	Barlow Wadley MCR30, whip
Bert Brummel, Holland	109(0) - 151(0) - 132(0)	Barlow Wadley MCR30, whip
Norbert Reiner, FRG	98(4) - 127(21) - 140(8)	Grundig Satellite, dipole
Peter Conway, England	92(22) - 104(22) - 175(43)	Collins 51J-4, Barlow Wadley MCR30
Michael Reimer, FRG	85(10) - 110(19) - 116(9)	Kenwood R1000, dipole, W3DZZ
Eberhard Spittler, FRG	83(4) - 104(4) - 144(19)	Barlow Wadley MCR30, whip
Ed Blom, Holland	73(13) - 83(13) - 137(45)	Philips RX925Z, 1w
Bo Ivarsson, Sweden	71(0) - 90(0) - ?	Trio 9R59DS
William Matthews, USA	70(0) - 99(0) - 101(0)	Yaesu FRG-7000, 21m 1w
Kaj Larsson, Sweden	69(7) - 80(11) - 114(69)	Drake SPR4, Collins 51J-4, Hammarlund SP-500, 800 m beverage ant, 2x15 di
Murt Johansson, Sweden	60(0) - 82(0) - 100(0)	Hammarlund SP-500 JX-21, 165m 1w
Mobuaki Takahashi, Japan	60(0) - 66(0) - ?	Japan Rad.co. NFD505, doublet
Heikki Luoma, Finland	52(5) - 62(7) - ?	Sony ICF5900W

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 FORMULA: The first column gives the total number of countries verified on point-to-point, the second indicates the total amount of stations verified and the third column gives the number of countries heard. The figures within brackets indicate the amount of the proceeding amount which is on CW/PTTY only.

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 qsl  
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Lars Lundström: OTC Kingston, Norfolk Islands-cd-13ds-VJU6-16330-30kW-1P to Sydney; Meteor  
 Nairobi-PPC-15ds-5YE-22867-6kW-1P to Cairo-F1; ASECNA Abidjan-PPC-21ds-TUH-9846-1kW-  
 doublet to Monrovia-F1;

Michiel Schaay: ODC Montevideo-1t/PPC-CXC20-20885-5kW to panama;

Max van Arnhem: Meteor Kuala Lumpur-1t-18355; Swedish embassy Addis Abeba-PPC-SAM70-  
 20958-400watts to Stockholm; US Navy Mars Diego Garcia-PPC-MNNMNS-20623.5-21kW to  
 MINNART; Ministry for Foreign Affairs, Stockholm-1t/cd/PPC-SAM-20961-500watts to Addis  
 Abeba

Johnny Karlsson: Dep of Defence Groennedal-1t-PPC-OVC-16912-discone to Copenhagen-A1;  
 Swedish Embassy Islamabad-PPC-SAM50-18808 to SAM; Swedish Embassy Jeddah-PPC-SAM49-20958  
 to SAM.

Heikki Luoma: CINE Madrid-cd-3ms-EHY23-20570-5kW into a rhombic; Finnish Embassy Lusaka-  
 PPC-7wks-CHU34-20262-21kW; PTT Nouakchott-cd-3ms-18738-35kW into a 1P to Paris; Finnish  
 Embassy Peking-PPC-7wks-CHU25-20262-11kW into a 1P; Finnish Embassy Bagdad-1t-cd-5wks-CHU36  
 20262-11kW into a 5-el beam.

Johann Niespointner: PTT Conacry-cd-3wks-11115-6kW into a rhombic to Abidjan; UEN Keflavik  
 -cd-1t-6wks-NRK-5167-2.5kW into conical monopole-A1; NZARP Scott Base, Antarctica-PPC-  
 1t-6wks-ZLQ-14566-11kW into a rhombic directed north; NZPO Wellington-1t-6wks-13940-in-  
 direct verification, but otherwise the same ols text.

Kaj Larsson: Cyprus Telec. Authority-1t-3wks-5EC94-19940-10kW on a 1P directed east/west;  
 Swedish Embassy Elissau-PPC -3wks-SAM81-23526; Concen Gibraltar-PPC-1t-4wks-GYU-20475-  
 A1; Swedish Embassy Bangkok-PPC-6wks-SAM55-20955/20958/23529-400watts into a K1H 10-30-7  
 1P ant.

Murt Johansson: PTT Nouakchott-cd-33ds-15660-10kW 12A3B to Alger; ANARE Davis Base-1t-doublet  
 -241ds-VLZ-17480-11kW; USAF Mars Lajes Field, Azores-cd-27ds-CUN20-14606.

Michael, Jaimer: Swedish Embassy Teheran-PPC-26ds-SAM51-18809; Swedish Embassy Islamabad-PPC-22ds-SAM60-18809; Swedish Embassy Dar es Salaam-PPC-15ds-SAM71-23528; Swedish Embassy Maputo-PPC-27ds-SAM82-23528-0.5kW into a LP to SAM, Stockholm; Meteor Vacoas-PPC-22ds-3BT4-15955-4kW Wideband ant to Chagos; US Army MARS Ansbach, FRG-cd-10ds-AEMLAGG-19025-to AARLL, Memphis, TN; US AF MARS Lajes Field, Azores-cd-30ds-CUW22-14606-to APBLRY; Swedish Embassy Jeddah-PPC-16ds-SAM49-18808; Swedish Embassy Cairo-PPC-30ds-SAM50-20958; Swedish Embassy Athens-PPC-14ds-SAM20-20958; Swedish Embassy Monrovia-PPC-15ds-SAM74-20959; Swedish Embassy Lagos-PPC-22ds-SAM73-20960; Swedish Embassy Nairobi-PPC-14ds-SAM75-23528; CPRM Praia, Cabo Verde-PPC-25ds-D4E25-14465-3kW-rhombic antenna; Aero Ben Gurion, Israel-PPC-16ds-4XL-16245-5kW on a rhombic-A1; Aero Luca-PPC-16ds-9HA-19960-1.5kW on a rhombic-FL; PTT Tokio-lt-20ds-JMI4-18381-5kW-FL; Aero Bangkok-lt-20ds-HSD5-13742.5-2.5kW Collins 432-C- LP antenna to Dacca-FL;

Stellan Dahlin; US Coast Guard Loran Station Marcus Island-lt-6ms-after follow-up-10523.5-500 watts;

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There are some goodies as usual this time and ECDXC-1 are: ASECNA Abidjan by OM LL and NZARP Scott Base by OM JWI.

Other goodies are OVC Groenmedal by OM JK and Meteor Nairobi by OM LL.

Keep up the good work everybody,.....

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 ST\_BARTHELEMY (by OM GBj)

The French defence forces are building a radiostation under Fort Oscar which is located on the peninsula southwest of Gustavia. The station will be able to communicate with all french forces around the world via satellite. The whole station will be placed below ground level and the remains of the old fort will be restored after the completion of the station.

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 French Army (by OM AM)

The present position seems to be that the callsign allocations now are FLR, FAR, FAC, FAD and FAQ (in fact FA series). The fci, FOX and other FC call signs, previously used for local networks, appear to have been phased out and re-allocated to the FA regional nets.

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 Aero Bangkok (by OM MvA)

Received a letter for HSD Aero Bangkok from Amorn Songsamsoon, Meteorological Department. The letter was accompanied by 2 nude photos!!! and an invitation to come to Bangkok. For those interested the address is 612, Sukumvit Road, Bangkok 11, Thailand Hill!!! My letter was forwarded by the Meteor Department to the Aeronautical Radio of Thailand, Soi Suan Ploa Toeng, Nahamek, Bangkok. Nothing received from them though. (Use the address published in PPTP 4/81 instead, od)

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 US Coast Guard Saipan (by OM SD)

The Loran station on Saipan Island has been closed down according to a letter from US Coast Guard Marcus Islands. Too bad we lost a good station that could be heard almost daily here in Sweden.

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 ADDRESSES

To AEMLAGG: US Army MARS station, 141st Signal Battalion, APO NY 09326, USA

To AEMLBO: US Army MARS radiostation, Army Depot Building 124, D-6300 Giessen, FRG

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That was all for this section for now. Please look in QSLs and letters for shorties I am sure you have a lot of interesting short articles to write ....



DM CBj on vacation in Thailand (Koh Samui Island - Gulf of Siam) sends us the following contributions regarding point-to-point activity in Thailand.

- ooo -

When arriving to Bangkok he visited Aeronautical Radio of Thailand Ltd and the manager for aeronautical telecommunications, Mr Prasidh Klinklao who gave him the following information:

"Aeronautical Fixed Services are part of our activities and we provide HF radio communications with stations in Hong Kong, Dacca, Singapore, Rangoon, Vientiane and Hochimin. Most circuits are in ISB mode i.e. we put RTT/TSK on one sideband and A3/Telephone on other sideband. The circuit with Dacca is still operated in plain F1 but we will soon divert into ISB. Our communications with Hong Kong and Singapore will as soon as possible be converted to cable and/or satellite."

Some "years ago" they had a 300W F1 circuit with Amsterdam !!!!

Frequencies used by Rangoon: 2510, 3290, 5188, 7813 & 10581.5.

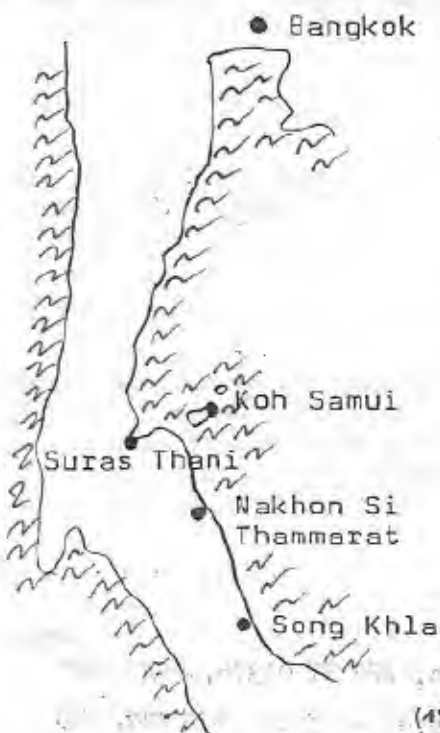
Frequencies used by Vientiane: 5937, 7873 & 6970 (only daytime).

Underlined frequencies most used !!

Frequencies listed for Aerothai are correct. There is presently no communications with Manila and Phnom Penh. The AX circuits from Hong Kong are nowadays operated via Cable & Wireless - in a recent report from ITU all frequencies listed by Civil Aviation Deptm have been deleted. This is confirmed by DM AD who reports Hong Kong on 2E070-14952.5 with aeronautical traffic with Bangkok.

Hochimin and Singapore have both been reported in A3 to Bangkok in recent issues of Eptp i.e. Singapore on 13896.5 from midnight when Bangkok returns on 11428 kHz - A3 on LSB.

- ooo -



When staying on the island of Koh Samui BBj found navigational system similar to LORAN operated by Union Oil Co.

Stations participating were Song Khla (master), Koh Samui (north slave) and Nakhon Si Thammarat (south slave). Sometimes also communications with the HQ in Bangkok.

Frequencies 3785.5 and 8319 SS8. Transmitter power about 100W and antennas are dipoles.

The station on Koh Samui consist of two tents, one for the radiostation and one for generator and batteries. The "LORAN" antenna is a 30m vertical.

- ooo -

There is also a HF station operated by the PTT Telecommunications Authority of Thailand" on the island.

Call-sign is HSM5 (Koh Samui) and they work with Bangkok on 6885, 6785 and 5435. (A1).  
(1930Z) at 1130 local time and with Suras Thani at  
(1930Z) 1230 local time.

Also using voice (USB) on 7915 and 5770 between 1000 - 1130 local time with Suras Thani and Bangkok. (1700-1930Z)

Transmitters were "home brewed" - receivers Hammarlund HQ180A for A1 and Racal RA87D for A3.

CBj

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Frequencies are exact when underlined or preceded by a call-sign. Times are always given in GMT. Ø in a call-sign means the figure Zero and O in a call-sign means the letter Oscar.

- 000 -

AFGANISTAN: PTT Kabul hrd on YAK-18640 at 1421Z w tfe to Moscow (GBR) on Yab8-16238.8 at 0500Z w E n vm (MR)

AMERICAN SAMOA: COMMSTA Pago Pago hrd on KUQ2Ø-15883.5/L at 0520Z w tfe (JW1)

ANTARCTICA:

Australia: ANARE Mawson hrd on VLV-15845/U at 0934Z w E n vm + clg Sydney (JW1)

ANARE Casey hrd on VUJ-15845 at 0905Z w tfe to Sydney (KL)

ANARE Davis hrd on VLZ-17480/U at 0821Z wkg Sydney (GBR)

USA: USN MARS South Pole NNNØNWB-13974 at 0217Z w tfe to -SAB (MR)

USN MARS McMurdo hrd on NNNØICE-13974/U at 0456Z wkg -SAB (JW1) at 0230Z (MR/KL)

USN MARS Palmer NNNØICR-13974/U at 0036Z Tue wkg -SAB & -UOK (VM)

USARP Palmer hrd on NHC-11552 at 0005Z clg South Pole NPX (MS)

Germany: 'Georg-von-Neumayer' station hrd on DB9Ø2Ø-9106/U at 2357Z clg & wkg Grytviken ZBN (JW1/KL/LL)

Great B: BAS Rothera hrd on ZHP45-9106/U at 0000Z clg & wkg Grytviken (JW1) at 0003Z (KL/LL)

BAS Halley Bay hrd on VSD-9106Z at 2345Z clg Grytviken (KL)

BAS Faraday Base hrd on ZHF44-9106/U at 2350Z clg Grytviken (KL)

New Zeal: NZARP Scott Base hrd on ZLQ-14655/U at 0520Z w E n vm (JW1) at 0830Z (KL/LL)

ANGOLA: EMPUTEL Luanda hrd on D2J26-11000/U at 2325Z w tfe (KL)

ANTIGUA: USAF/NASA Tracking station hrd on AFE86-20272/U at 1730Z clg Cape (LL) at 2235Z wkg Cape Radio (KL) at 1415Z wkg Grand Turk on 20192/L (MS)

ASCENSION: NASA/USAF Tracking station hrd on AFE83-24512/U at 2000Z wkg Mahé & also in // on AFA83-17552/U (LL) on 20195/L at 1715Z clg Andrews AFB (MR)

AUSTRALIA: OTC Sydney hrd on VNV123-14945/U at 0936Z w E f vm (KL)

AZORES: USAP MARS Lajes Field hrd on CUW2Ø-13927/U at 2302Z w tfe to USA (VM) on CUW2Ø-14606/U at 1900Z (AM) at 2235Z (KL)

BAHAMAS: NASA/USAF Tracking station Eleuthera Islands AFE74 ?? hrd on 20192/L at 1423Z wkg Patrick AFB - id as "4" (MS) FB!

BELGIUM: PTT Brussel hrd on OSI49-19577/U at 1150Z w tfe & on ORD22-22731/U at 1050Z w E f vi f vm (KL) on ORI28-18467/U at 1900Z (AM)

BOLIVIA: USMAAG La Paz hrd on CPP67-20885/L at 2053Z w tfe to Panama (MR)

CAROLINES ISLANDS Eastern: COMMSTA Ponape hrd on KUP66-13966/U at 0630Z wkg Saipan (LL) at 0530Z w r/c to Saipan + tfe (JW1)

CAROLINES ISLANDS Western: Commsta Koror hrd on KUP68-13985/U at 2100Z w tfe possibly to Saipan (LL) US3G Yap hrd on NRV7-15923.4/U at 1400Z wkg Yokota AB (LL) on NRV7-10523.5/U at 2100Z wkg Iwo Jima & Yokota (JW1)

CHAD: STIC N'Djamena hrd on 19225 at 0730Z w F E f vi (JN)

CHAGOS ISLANDS: USN MARS Diego Garcia hrd on NNNØNES-16300 at 2133Z w tfe to -NIM (MS) USN Diego Garcia hrd on NKW-23224/U at 0700Z w id as 'Diego Tower' wkg 'Hotel Zulu' + several aircrafts (LL)

CHILE: Air Force Santiago hrd on OAKØE-2059V at 2330Z clg ZPN Asuncion (MR)

CHINA: SUD Beijing hrd on SAM62-20958/U at 0700Z wkg SAM Stockholm (GBR)

CENTRAL AFRICAN REPUBLIC: STIC Bangui hrd on FLZ88-18845/U at 1020Z w E Fr f vi + clg Paris (JW1)

CYPRUS: CTA Nicosia hrd on 5BC94-19945/U at 1225Z w E Greek f vi - id as 'Cyprus Radio' (KL) at 1230Z (JN)

DJIBOUTI: STI Djibouti hrd on J2B49-4960Ø/U at 2348Z w E Fr f vi (GBR)

ETHIOPIA: SUD Addis Abeba hrd on SAM70-20959/U at 1120Z wkg Stockholm (GBR)

FRANCE: PTS Paris hrd on PTO77-14777.5/U at 1215Z Tue w E Fr n vm (AM) at 0045Z (KL) at 1657Z (SW) on PTU64-20640/U at 1710Z Tue (AM) on PTS51-18515/U at 1415Z (GBR) at 0620Z (KL) on PTS34-18345/U at 1330Z & on PTS87-18875/U at 1415Z & on PTT85-19850/U at 1600Z & on FTT65-19652/U at 1600Z & on PTU56-20562/U at 1720Z (KL)

A3 cont . . . .

GERMANY DEM: DP Berlin hrd on 13375/U at 1345Z w E Fr G n vn (KL)

GERMANY FED: USA MARS Würzburg hrd on AEMUAC-14402/U at 1617Z clg CONUS (KL)

USA MARS Munich hrd on AEMUSD-19022.5 at 1610Z wkg AEMUSA & others (AM)

USAF MARS Hahn hrd on AGA7HA-20191 at 1445Z w tfe to CONUS & USAF MARS Bitburg hrd on AGA7HI-20191 at 1947Z & USAF MARS Frankfurt AGA7RH-20191 at 1710Z (MR)

GREAT BRITAIN: BBC Daventry hrd w px-feeder on 19455 at 0240Z & on 7973 at 0240Z both in E (JN) USAF Barford hrd on AJB-13645 & AJB-9923 & AJB-10533 during daytime - feeder on the listed QRG or +/- 6KHz (JN) on AJB-16448/L at 1300Z w tfe to Lajes (LL) BTI (British Telecommunications International) hrd on GLU39-19040/U at 1415Z w new E n vn (KL)

GUAM: USCG Guam hrd on NRV-15923/U at 1230Z wkg Yokota (KL) at 1300Z wkg Yokota & Iwo Jima (LL)

GUANTANAMO BAY: AAC&R hrd on NAW36-13765/U at 2301Z w tfe to CONUS (CBR)

GUYANA: Guyana Telecommunications Corporation hrd on SRB47-10527.8 at 2030Z w E n vn saying it was an interior circuit to 'Lethen' (MS) FB !! also hrd by (MVA) Yes this is ex. Cable & Wireless (eds)

HONDURAS: USMILGP Tegucigalpa hrd on HR1MM-13950/U at 2235Z wkg AHP4 (KL)

ICELAND: PTT Reykjavik hrd on 13797 at 1900Z w BC program (JN) Not fixed - this is a transmission to the fishing fleet (ed)

ISRAEL: SUD Tel Aviv hrd on SAM52-20957/U at 1235Z w tfe to Stockholm (JN) at 0746Z (CBR) PTT Tel Aviv hrd on 14728, 18128 & 22660 at 0300Z w px-feeder & on 6610 & 14728 at 0900Z again w px-feeder - relaying Galei Zahal (JN) For what purpose I wonder (eds)

IRAN: SUD Teheran hrd on SAM51-18808/U at 1028Z w tfe to Stockholm (MR)

IVORY COAST: INTELGI Abidjan hrd on TUP38-13862.5/U at 0227Z w E Fr f vn (CBR) on TUP76-7664/U at 2300Z Sat (AM)

IWO JIMA: USCG LORAN station hrd on NRT3-15923.5/U at 1315Z wkg Yokota (LL) on NRT3-10523.5/U at 2130Z clg Yokota Monitor (JW1)

JAPAN: KDD Tokyo hrd on JBM33-13952/L at 1330Z w E Jap f vn (KL) on JBM48-10395/L at 1506Z (SW) USCG Yokota AFB hrd on NRT-15923.5/U at 1315Z wkg GUAM, Marcus and Iwo Jima (LL)

KOREA DEM: KCWS Pyongyang hrd on 10807 at 1510Z w E f vn (MR) at 1515Z (SW) at 1530Z (KL)

KUWAIT: PTT Kuwait hrd on 9KT37-19871/L at 0620Z w E Ar f vn (KL)

LEEANON: SUD Beirut hrd on SAM47-23528/U at 0730Z w tfe to Stockholm (MR) Irish UN Bat "37" hrd at 1355Z on 19711 w tfe to "C" Ireland (MR)

LIBERIA: FOM Monrovia hrd on 5LP4-4483/L at 0014Z w E Fr f vn (KL) on 5LP18-10430/U at 1930Z (AM)

MACQUAIRE ISLAND: ANARE hrd on VJM-17480/U at 0740Z Sun w E n vn (AM) FB!

MARCUS ISLAND: USCG LORAN station hrd on NRV6-10523.5/L at 2003Z w tfe to Iwo Jima (MS) on NRV6-15923.5/U at 1300Z wkg Iwo Jima (LL) on NRV6-10523.5/U at 2059Z w r/c with Yap Loran station (JW1)

MAURETANIA: OPT Nouackchott hrd on 5TN38-18978 at 1325Z w Ar Fr n vn (MR) on 5TN244-18738/U at 1410Z & on 5TN29-14367.5/L at 2200Z (KL)

MAYOTTE: FTS Dzaoudzi hrd on 16005/U at 0540Z w tfe - very weak (JW1)

MEXICO: PTT Mexico City hrd on XDD229-10568/L at 2340Z w tfe to Habana (KL)

MOROCCO: PTT Dakhla hrd on 10508/L at 2140Z clg & wkg Rabat - location should be in Western Sahara (KL)

MOZAMBIQUE: SUD Maputo hrd on SAM82-23528/U at 1329Z w tfe to Stockholm (MR)

NEW ZEALAND: GPO Wellington hrd on ZLX28-13940/U at 0650Z wkg Scott Base (LL)

NORFOLK ISLAND: OTC Kingston hrd on VJU6-16330/U at 0600Z wkg Sydney (LL) at 0555Z (JW1) at 0935Z (KL) FB again!

PAKISTAN: SUD Islamabad hrd on SAM68-18808 at 0620Z w tfe to Stockholm (MR)

PANAMA: USAF Albrook AB hrd on AHP4-13950/L at 2235Z wkg HR1MM (KL) on AHP4-20885/L at 2150Z wkg OAE21 Lina (MR) USAF MARS Howard AB hrd on AGA8HO-13977/U at 2315Z wkg CONUS (KL) at 2220Z wkg AFB1IR (MR)

PARAGUAY: ODC Asuncion hrd on ZPM261-20885/L at 1830Z wkg AHP4 Albrook (MR)

PERU: USMAAG Lina hrd on OAE21-20885/L at 2135Z w tfe to AHP4 Albrook (MR)

SAC Arequipa hrd on OCK25-20611/L at 2220Z w tfe to KCV21 Cambridge (MVA)

PORTUGAL: SUD Lisbon hrd on SAM25-20958/U at 2020Z wkg Stockholm (CBR) So late ?



REUNION: FTS St Denis hrd on PZS93-19325/U at 1400Z w R Fr f via (IL/KL)  
ROMANIA: SUD Bucarest hrd on SAM37-18808/U at 1310Z w t/c to Stockholm (KL)

SEYHELLES ISLANDS: NASA/USAF Tracking station M<sub>h</sub>é hrd on AF889-24512/U at 2030Z wkg '12' - Ascension (LL)

SOUTH GEORGIA: LAS Grytviken hrd on ZPH-9106/U at 0002Z wkg Faraday Base (JWH) at 2355Z wkg Rothera Base (KI) at 2357Z wkg Neumayer station (IL)

TANZANIA: SUD Dar-es-Salaam hrd on SAM71-23528/U at 1110Z wkg SAM (MR)

THAILAND: Aerothai Bangkok hrd on HSD94-11428/L at 0000Z opening w Singapore

TURKEY: PTT Ankara hrd on TAD7-18115 at 0800Z w tlc. (JN) DCA Adana hrd on AJO-11603 at 0400Z w E n via (MR)

TURKS & CAICOS ISLANDS: USAF/NASA Tracking station hrd on AFE77-20192/U at 1415Z clg Antigua - id as "7" (MS) at 1820Z (HJR) FB!!

URUGUAY: ODC Montevideo hrd on CXC20-20885/L at 2120Z wsg AHP4 Panama (MR)

USA: SUD Washington hrd on KNY34-20896/U at 1440Z wkg Stockholm (KL) US Army

Port Detrick hrd on ACC60-14436/U at 0330Z w tlc-ta Rio (MR) USAF MARS Port

Lauderdale hrd on AFB2TL-13977/L at 0030Z wkg AGA/PHO Panama (AM) USN MARS

Dahlgren VA hrd on NNNØUSN-14466.6 at 0040Z whg NNNØAAJ Alexandria (ADM)

VOA Bethany hrd on 19261.5/U at 1506Z w px-feeder & VOA Greenville hrd on 18782.5/U at 1430Z (vrt) (gr) - 2006Z at 1515Z

18782.5/1 at 1430Z (KL) (CBr) on 20060 at 1545Z & on 10455 at 0900Z & on 19480 at 6873 at 0100Z & on 12625 at 1545Z & on 12482 at 1620Z (KL)

SAD Cambridge hrd on KCH21-20611/L at 2220Z wkg OCK25. Ancewing (Merr)

USSR: PTT Moscow hrd on RUC41-16280 at 0540Z (JW) at 1200Z (AM) & on RUC33

18170/U at 1410Z (CBr) on RCG70-18060 at 1150Z Sat & on EKA70-7580/U at 2355Z

Mon (AM) on RCF47-16215/U at 1114Z (SW) on RBK71-22870/U at 1050Z (KL)

WESTERN SAHARA: PTT Dakhla hrd on 10508/U at 2035Z w tlc to Rabat (JW)

YEMEN: YTC Aden hrd on 70B98-20605/U at 0910Z w E Ar n vn (KL)

ZAMBIA:SUD Lusaka hrd on SAM79-23528/U at 1200Z w tlc to Stockholm (VR)

ZIMBABWE: PTT Salisbury hrd on ZEG25-23850/U at 0812Z Mon w R 3. VII (AM)

UNID A3 UNID A3 UNID A3 UNID A3 UNID A3 UNID A3 UNID A3 UNID A3 UNID A3 UNID A3 UNID A3

UNITED STATES DEPARTMENT OF AGRICULTURE

Previous UNID's:

14454/U 20382 P tfe (JW1) Could be Lisbon CUA71-14450 (AM)

20585/U 2030Z VYT46 (LL) Listed as Bells Corn (AM) Yes but <sup>not</sup> sure about letter

New UNIDS:  
7565/7 00157

7565/L 00152 French duplex - Douala ? (KL) Well could be TND607-Brazzaville  
8103/L 21302 Arabic & French to Beirut 12-13-54 15-15-54

9705/L 2430Z Arabic & French to Rabat - Dakhla, Al Aiun or Smara ? (JWi)  
10149/U 2305Z French duplex - to Nouakchott, Bani (Algeria) (JWi)

10525/L 00252 6 tone mm (KL)

10619/U 2338Z Sp strn clg Santa Rosa (KL) 11-11-11

10620/I 2030Z Arabic stn w tfo. to Alger (JWi)

10757/U 1600Z E n counting + tfe in E a arabic or indian accent (MR)

11440/L 2100Z Bogota clg Providencia (HJR)

13936/U 2040Z F n tfo - 5 letter groups (MR)

13966/U 2000Z E n t i c - Ponape 3 (HJR) Well heard in the morning (ed)

13985/U 20302 E n tle - Koror ? (HJR) Yes could be but many MARS here (ed)  
14415/L 01252 E tle - "Hood Dance" etc "Hood Dance" etc

14415/L 01232 E ric - "Head Dancer" c/g "Raynon Meteo" fow wx then nm or  
SEICAT - sounding like Erik's sign (163)

14410/L 2320Z Sp duplex t/c (EL) Santiago to Asuncion or Office of the

President in Buenos Aires. (ed)

14808 2130Z Braz interior - stns in S Paulo & Rio-Grande - banks ? (WS)

16077 2046Z Rio clg. PRQ3, -4 & -8 & PRX3, 4 & 7 - also stns in Santaren.

Teresina & Belen on QRG - TASA ? (MS)

=====

BELGIUM: Belgian Army ONY27 hrd on 7879 at 2255Z w test to ONY24 (AM) at 1151Z (SW).  
BRASIL: Navy Rio-de-Janeiro hrd on PWZ-17890 at 22.15Z clg HDN Quito (AM)

CAMEROON: UNHCR Yaounde hrd on TJP76-20734 at 16.50Z w tlc to Geneva & id as "HCRYAO" (MR) FB!

CANADA: Canadian Forces Vancouver hrd on CKN-6946 at 23.15Z w 'DE CKN C13E' (AM)  
Well C13E indicates ship to shore circuit (eds)

CHAD: UNHCR N'Djamena hrd on TT...-20734 at 15.10Z w tlc to Geneva (MR) New - FB

CHILE: Navy Santiago CCS hrd on 15772 at 01.25Z w v-mkr (MR)

CUBA: PTT Habana hrd on CLN653-21814 at 16.00Z clg UCA Odessa (AM)

CZECHOSLOVAKIA: PTT Praha ?? hrd on OMD-4550 at 16.05Z w QRA-mkr (MR)

DJIBOUTI: Aero Djibouti hrd on DJR-16245 at 1443Z clg 5ST Antananarivo (KL)

FRANCE:

Air Force: PAF Bordeaux hrd on FDG-3383 at 21.35Z & on FDG-4867.5 at 07.25Z  
& on FDG-7515 at 16.45Z w tlc (AM) SW/  
PAF Metz Frescaty hrd on FDC-4940 at 1050Z (AM) on FDC-5748 at 0920Z  
PAF Toul/Rosières hrd on FDC20-4638 at 07.20Z & at 16.16Z (AM)  
PAF Salon hrd on FDI3-4843 at 15.53Z w V-mkr (AM)  
PAF Aix-les-Milles hrd on FDI-3341 at 16.56Z & on FDI-4805 at  
15.15Z & on FDI-5010 at 16.00Z (AM) on FDI-5160 at 16.23Z (SW)  
PAF Nancy hrd on FDC9-5450 at 16.05Z w v-mkr (AM)  
PAF Orleans hrd on FDY-3235 at 15.32Z & on 6768 at 10.55Z & on  
7805 at 11.00Z (AM) on 9909 at 14.14Z (SW)  
PAF Bourges hrd on FDE4-3380 at 19.55Z w v-mkr (AM)  
PAF Drachenbronn hrd on FDC21-3179 at 16.25Z w v-mkr (AM)  
PAF Rochefort hrd on FDG4-3809 at 09.12Z w v-mkr (AM)

Navy: Navy La Regine hrd on FUG-4590 at 20.17Z w v-mkr (SW)  
at 00.00Z (AM)

Interpol: Interpol Paris hrd on FSB83-19405 at ??? w tlc (AM)

MFA: MFA Paris P6Z hrd on 5125 at 16.35Z w CQ, V & testmarker (AM)

GERMANY DEM: MFA Berlin hrd on Y7A24-4840 at 08.35Z & on Y7A28-6706.5 at  
16.45Z & on Y7A48-11448 at 12.22Z & on Y7A60-14818 at 12.10Z & on Y7A65-16268  
at 12.00Z & on Y7A71-18435 at 08.15Z (???) & on Y7A81-20170 at 11.33Z (AM)  
& on Y7A65-16268 at 11.20Z w tlc to Y7D49 & Y7F37 & on Y7A29-6804 at 1100Z (SW)

GERMANY FED: Air Force Flensburg DHJ58 hrd on 2745 at 00.45Z w v-mkr (AM)

GIBRALTAR: R.N. hrd on GYU-19230 at 19.25Z & on 20540 at 11.12Z w v-mkr (AM)

HAWAII: USCG Wahiwa hrd on NMO-13655 at 03.55Z w CQ mkr (MR) Not fixed OM (eds)

HUNGARY: MFA Budapest hrd on HGX21-20802 at 08.15Z w V-mkr (AM)

INDIA: Aero Bombay hrd on AWB-15730 at 19.02Z w tlc to 70C Aden (MR)

ITALY: Army Palermo IEM21 hrd on 49026 at 16.07Z wkg IEM34 Siracusa (AM) QRC-42

ISRAEL: Aero Ben Gurion hrd on 4XL-16245 at 12.02Z w v-mkr (AM)

KENYA: Aero Nairobi hrd on 5YD-16245 at 17.04Z clg 4XL (MR)

KOREA DEM: KONA Pyongyang hrd on 13780 at 00.20Z w id as HMS19 (MR) w same id  
but on 13583 at 23.27Z (KL)

MALAGASY: Aero Antananarivo hrd on 5ST82-16245 at 1444Z wkg DJR Djibouti (KL)

NIGERIA: IP Lagos hrd on 50P25-19360 at 1555Z w megs (MR)

POLAND: Prev. issue - SON261 is Polish Press not PTT Warsaw (AM) Yes but via PTT  
PORTUGAL: Navy Apulia hrd on CTN37-14868 at 11.58Z w tlc (SW)

REUNION: Navy Le Port hrd on FUX-2699.5 at 23.25Z w v-mkr (AM)

ROUMANIA: YRR4-4002 is Bucarest Meteo - not PTT Bucarest (AM) Yes sorry

SPAIN: Policia Oviedo hrd on EEQ19-4053 at 00.10Z w r/c to EEQ Madrid (AM)

SWEDEN: IP Stockholm hrd on SHX-19360 at 08.15Z clg FSB62 Paris (AM)

TURKEY: MFA Ankara SFA hrd on 20773 at 08.05Z clg YMC & Navy Izmir hrd on TBA3-  
8167.5 at 23.42Z w 'T13A' (AM) Shore to ship broadcast (eds)

USA: ITT New York on WFK39-19850 at 1630Z w v-mkr (MR) on WFK50-10340 at 2315Z (KL)

USSR: PTT Kaliningrad UJY2 hrd on 17550 at 1305Z clg CLN78 Habana (MR)

VENEZUELA: Navy Maracaibo hrd on YVM3-17590 at 2327Z clg HDN Quito (MR)

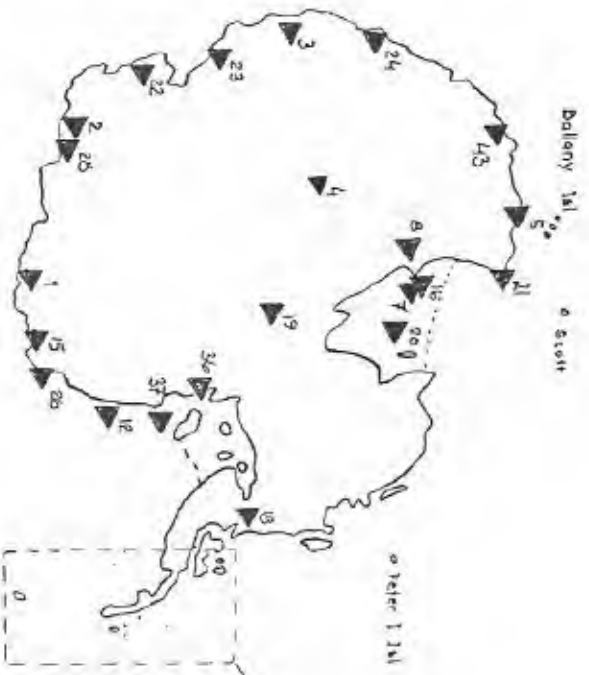






44  
0  
Les Amériques  
42  
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Hawaii Islands  
42  
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Hawaii Islands

45  
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Les Amériques  
14  
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Prince Edward Island  
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Bouvet



Chile  
Falkland Islands

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South Sandwich Islands  
13  
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South Georgia

Madagascar

South Africa

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Cape Island



South Orkney Islands  
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 ANTARCTIC SURVEY - ANTARCTIC SURVEY - ANTARCTIC SURVEY - ANTARCTIC SURVEY  
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Winter in the Northern Hemisphere means summer in the Southern Hemisphere and increased activity in Antarctica. Another factor making radiostations in Antarctica easy to hear could be favourable propagation conditions as a result of long dark winterdays. This edition of Eptn reports several stations from Antarctica in the "Tune A3" section and there are many more to hear. As a guide when listening to these stations we have tried to put the information we have together in a what we hope helpful tool.

On previous page we have a map over the Antarctic region showing bases active today. A symbol with adjacent figure indicates the presence of an research expedition. The figure can be found in the summary below i.e. it is a reference figure when looking for the name / location of a certain expedition.

- 000 -

USSR: Soviet Commite on Antarctic Research, Moscow

	ULV	Moscow		
	RNO	Moscow		
Bases	1 UDY	Novolazarevskaya	70846	11E50
	2 RUZU	Molodezhnaya	67840	45E51
	3 UFE	Mirny	66833	93E01
	4	Vostok	78828	106E48
	5	Leningradskaya	69830	159E23
	6 UGE2	Bellingshausen	62812	58W50

NEW ZEALAND: New Zealand Antarctic Research Program

	ZLX	Wellington		12295/13940/15831/46000
Bases	7 ZLQ	Scott	77851	166E46 11570/14500/14655/
	8	Vanda		19250

GREAT BRITAIN: British Antarctic Survey, Madingley Road, Cambridge CB3 0ET

	ZHFO3	Port Stanley		
Bases	9 ZHF33	Sigay / South Orkney	60843	45W36 8294/ 9106/11255/
	10 ZHP44	Faraday / Argentine Is	65815	64W16 11557/11565/14915
	11 ZHP45	Rothera / Adelaide Is	67834	68W07
	12 VSD	Halley Bay	75831	26W36
	13 ZBH	Grytviken / S Georgia	54816	36W30

Ships John Biscoe & Bransfield & Shackelton (GPRQ)

SOUTH AFRICA:

	ZTF	Capetown		
	ZUD	Pretoria		
Bases	14 ZRS	Marion Island	46850	37E50
	15 ZRP	Sanae	70830	02W52

USA: National Science Foundation, US Antarctic Research Program

	ZLK	Christchurch, New Zealand		7929/ 9215/ 9705/ 11460/11580/14700/ 14767/16152/17403/ 21804/21834/22842
Bases	16 NGD	McMurdo / NNNØICE	77825	166E37 7895/ 7785/10130/ 11460/13074/14767/ 16152/17375/20105/ 21804/21834/22842
	17 NHG	Palmer / NNNØKMR	64846	64W05 7750/ 7995/ 8290/
	18 NQU	Siple / NNNØICP	75840	83W55 8975/ 8997/ 9830/
	19 NPX	South Pole / NNNØNWB	90800	10235/11255/11552/
	20 NBY	Byrd /	80801	119W32 13545
	21 NIC	Hallet (closed)		

13974 (MARS)



ANTARCTICA cont ....

AUSTRALIA: Australian National Antarctic Research Expedition (ANARE),  
c/o Deptn. of Science, 568 St Kilda Road, Melbourne Vic 3004

VNM Melbourne (Deptn of Science) 14415  
VNV Sydney (OTC) 9840/11480/12035/14945

Bases 22 VLV Mawson 67S36 62E52 4040/ 5835/ 6850/  
23 VLZ Davis 68S35 77E58 7922/ 9940/14415/12255/  
24 VNJ Casey 66S17 110E32 15845/17480/19255  
25 VJM Mcquarie Island 54S30 158E57

VL7AQ Hobart 4640/ 6840/14415  
VL7BX Mcquarie Island 4640/ 6840/14415

Ships Nella Dan/Thala Dan/Nanok S

GERMANY FED: Alfred Wegener Institut für Polarforschung, Wilhelmshaven  
DA. Norddeich Radio

Base 26 DB9020 Georg von Neumayer 70S36 08W24 9106

POLAND: Geographic Institute of Wroclaw University

3ZB201 ??? 23520/24920

Base 27 3ZL301 Wierkiewicz, S Shetland 22832

JAPAN: Choshi Radio JOF3P

Base 20 JGX Syowa 39E35 69S00 18735  
11532/11565/14450/14570  
18505/18675/20265/20475

NORWAY: No permanent base at present.

BELGIUM: No permanent base at present.

CHINA: No permanent base at present.

ARGENTINA:

29	Islas Orcadas	44W46	60S43
30	Petrel	56W17	63S26
31	Esperanza	57W00	63S24
32	Almirante Brown	62W40	64S54
33	Maramba	56W43	64S14
34	Primavera (Cobbet)	60W57	64S10
35	Decepción	60W43	62S59
36	Sobral	40W36	64S10
37	Delgrano	38W32	77S53
38	G Shartin	67W08	68S08

CHILE:

39	CAT9.	Bernardo O'Higgins	57W54	63S19
40	CAN6D	General Arturo Prat	59W38	62S48
41	CE4AT	Presidente Frei Montalva		5302/11662/15470

FRANCE:

42	FJY2	Port aux Francaise	70E13	49S21	7991/ 9249/10113/10828/ 11420/12220/14440/15980/ 17480/17484/19532/19540/ 20115/26820
43	FJY3	Dumont d'Urville	140E00	66S40	7420/ 9258/ 9788/11575/ 11985/14670/14940/16050/ 17548/17695/20240/21845
44	FJY4	Martin de Vivies	77E32	46S26	7991/11550/14435/17395
45	FJY5	Alfred Faure (Crozet)	51E52	46S26	7991/11421

- 00000 -

Additional information will be most welcomed. So please send us your deletions and amendments .. c.f. above under Chile and Argentina .. more info needed.

Our thanks to OM's AM, JW1, MR & KR for valuable assistance

TUNE F1 TUNE F1 TUNE F1 TUNE F1 TUNE F1 TUNE F1 TUNE F1 TUNE F1 TUNE F1 TUNE F1 TUNE F1 TUNE F1 TUNE F1  
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ARGENTINA: Meteo Buenos Aires hrd on LRB72-10720 at 2146Z w wx & Navy Rio Grande hrd on LOV3-43232 at 0145Z w tlc to HSX ?? (MR)  
AUSTRALIA: RAAF Darwin hrd on AXI-13860 at 1617Z w foxes (MR)

BRASIL: TASA Rio de Janeiro hrd on ZVK-16240 at 0126Z w wx & TASA Belem hrd on ZYK-12036 at 0125Z w RY (MR)

BULGARIA: PTT Sofia hrd on LZH3-18944 at 1323Z w RY + QRA (MR) Actually this is a harmonic from LZH3-9472 (eds)

CHINA: CGRA Beijing hrd on BAI32-17403 at 1255Z w RY + QRA & CGRA Shanghai hrd on BCG-18774 at 1255Z (MR) CGRA Shanghai hrd on BOA95-13779 at 1115Z Sat w RY & on BCI35-15793 at 1200Z Sun w RY (LL)

CZECHOSLOVAKIA: PTT Praha hrd on OLG3-10125 at 1610Z w RY + QRA (MR)

EGYPT: Aero Cairo hrd on SUC60-14500 at 1405Z w NOTAM info (MR)

ETHIOPIA: ETS Accra hrd on ETS70-19700 at 0539Z clg Beirut (MR)

FRANCE: PTT Paris hrd on ETS91-19700 at 0539Z clg Beirut (MR) Air Force Orleans hrd on FDY hrd on 25010 at 1600Z w RY + foxes (LL)

GERMANY DEM: PTT Berlin (Press) hrd on 13895 w id as Y2V43 at 1830Z (MR) Well I have heard Y2V47 on same frequency (LL)

GREECE: Aero Athens hrd on SWA-9315 at 1700Z w RY (MR)

INDIA: OCS New Delhi hrd on ATP65-14785 at 1420Z w RY (MR) Bombay Navy hrd on VTH31-10120 at 2200Z w RY + foxes (LL) Aero Delhi AWD hrd on 12317 at 2245Z (MR)

IRAN: Aero Teheran hrd on EPD52-10333 at 2335Z w RY (LL) at 1650Z (MR)

IRELAND: Army Press Office "Z" hrd on 19711 at 1345Z w news to Lebanon (MR)

JAPAN: KDD Tokyo hrd on JAX78-18988 at 0625Z w RY & Meteo Tokyo hrd on JMI4-18381 at 1550Z w wx (MR)

KENYA: Meteo Nairobi hrd on 5YE-22867 at 1330Z w RY + clg SUU Cairo (LL)

KERGUELEN: PTS Port-aux-Francaises hrd on FJY2-14440 at 0305Z w RY + tlc (MR) !!!

KOREA DEM: KCWS Pyongyang HMY53 hrd on 13424 at 1650Z clg Y3D5 Berlin & on HMY47-17397 at 1250Z w RY (MR)

LEBANON: Aero Beirut hrd on ODT-10826 at 2320Z w RY (LL) Radio Orient hrd on ODS20-20145 at 1455Z w RY (MR)

MALAYSIA: PTT/Meteo Kuala Lumpur 9MY63 hrd on 18355 at 1620Z w RY CQ + QRG's (MR) The station logged on 19400 in previous issue must be VVD69-19400 Delhi Meteo (AM) Yes of course - thanks OM (eds)

MAURITIUS: Meteo Vacoas hrd on 3BT4-15955 at 1530Z w tlc to Diego Garcia (MR) at 1230Z (LL)

NEW ZEALAND: Meteo Wellington/PTT hrd on ZLX31-19488 at 0635Z w wx (MR) US Antarctic Support Forces Christchurch hrd on ZLK44-17403 at 0635Z w tlc (MR) !!

PAKISTAN: UN Rawalpindi hrd on 4UA-19730 at 0540Z w RY (MR) Aero Karachi ARA hrd on 10175 at 2325Z w RY & Aero Lahore ARB hrd on 10418 at 2200Z w RY + clg ARA (LL)

PORTUGAL: Aero Lisbon hrd on CSZ48-14497.5 at 2339Z w RY (MR)

PUERTO RICO: US Navy Ponce hrd on NAU-20650 at 1212Z w RY (MR) on 10710 at 0045Z (MR)

ROUMANIA: PTT Bucarest hrd on YOJ41-9168 at 1500Z w mags to Beirut (MR)

SENEGAL: STIS Dakar hrd on 6VK421-20695 at 1550Z clg Beirut (LL) ASECNA Dakar hrd on 6VU73-13667.5 at 0205Z w RY (MR)

SWEDEN: SUD Stockholm hrd on SAM-18808 at 1300Z w tlc in 100 baud (MR)

SPAIN: MHA Madrid hrd on 19295 at 1700Z w Sp tlc (MR)

SUDAN: Aero Khartoum hrd on STK-11508 at 2100Z w RY (LL)

THAILAND: Aero Bangkok hrd on HSD36-13742.5 at 1613Z w tlc to Dacca (MR)

URUGUAY: Aero Montevideo hrd on CXK-16000 at 0043Z w WX (MR)

USSR: SAMC Moscow hrd on ULV-10340 at 2330Z clg USZ Dixon (LL)

YEMEN DEM: Aero Aden hrd on 7UC-14395 at 1520Z w RY (LL) at 1615Z (MR)

OM's .. more next time please





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As the fee for RCDMC membership has been kept at the same level for almost 10 years now it is time for a small raise to meet the rising costs for postage etc... But to simplify the matter of the fees we have decided to have only one fee for everybody. This leads to a situation when a few members will have to pay a little less than before.

The fee for 1982 will be 25 Swedish crowns (= 15 irc=10 German Marks=12 Dutch Guilders= 5 US Dollars=1000 Japanese Yen, etc).

The fee can be payed directly to the club if bank notes or IRC:s are used. If you want to use a Postal Giro transaction please send the money to: Stellan Dahlin, Torsgatan 25, S-113 21 Stockholm, Sweden and the account number is 78 48 63-3.

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#### CONTRIBUTORS THIS TIME:

AM - Alex Moore, England	Obj - Christer Björk, Sweden
CBR - Conny Brodin, Sweden	BJR - HaJo Russow, FRG
HL - Heikki Luoma, Finland	JK - Johnny Karlsson, Sweden
JN - Jiri Novotny, Czechoslovakia	JWi - Johann Wiespointner, Austria
KJ - Kurt Johansson, Sweden	KL - Kaj Larsson, Sweden
LL - Lars Lundström,	MR - Michael Reimer, FRG
MVA - Max van Amhem, Holland	IS - Michiel Schaay, Holland
SD - Stellan Dahlin, Sweden	SW - Sven Westlund, Sweden
WM - William Matthews, USA	

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NEW MEMBERS NEW MEMBERS:

Michael Wendt, Buchenhof 5, D-2820 Bremen 70, FRG.. Wellcome ON ! You will be M7 as identification in the different sections.

Tom Claessen, Parklaan 40, NL-5953 BT Reuver, Holland. Wellcome to you too. Your id will be TC

We hope you two will enjoye being a members of this very special gang of radio-freaks. Once again I want to say WELCOME!

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POSSIBLE-NEW MEMBER POSSIBLE NEW MEMBER:

Ove Frisk, Tensta Allé 12, s-163 64 Spånga, Sweden

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ONCE AGAIN WE HAVE COME TO THE END OF A FPIP YEAR SO WE WANT TO WISH YOU ALL A

!!!!!!!!!!!! MERRY CHRISTMAS AND A HAPPY NEW YEAR!!!!!!!!!!!!

We also hope all of you get receivers, antennas and all the other equipment you want and need from FATHER CHRISTMAS so we get an even better FPIP in 1982.

We also want to thank all the members for your active part in getting this bulletin as good as it is. And maybe the new year holiday can give you a few moments to tune in to new interesting station so you can send us a lot of news for the next bulletin. Don't forget the deadline below.

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DEADLINE: 10 th OF January 1982!!!!

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